

IN THE CLAIMS

Please amend the claims as indicated below.

14. (Amended) The filtration media of claim 9, wherein the nanocrystals, activated carbon, and polymeric binder have been combined using shear mixing, and wherein the weight ratio of nanocrystals to polymeric binder was from about 30:1 and about 5:1.

15. (Amended) The filtration media of claim 14, wherein the weight ratio of nanocrystals to polymeric binder was from about 20:1 and about 10:1.